$\int_{\text{Attorney Docket No.: } 501032.20503} \mathcal{H}$

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Customer No.: 025418

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N THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

CardioMems, Inc.

Serial No.:

10/054,671

Filing Date:

January 22, 2002

For:

IMPLANTABLE WIRELESS SENSOR

May 10, 2005

Drawing Transmittal

SIR:

Enclosed herewith are fifteen sheets of replacement drawings of Figures

1 to 35.

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Respectfully Submitted,

MAY 1 6 2005

May 10, 2005 CENTER R3700

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PTO/SB92 (08-00)

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CardioMems, Inc.

Serial No:

10/054,671

Filing Date: January 22, 2002

Implantable Wireless Sensor

Enclosures: (1) Drawing Transmittal (1 page);

(2) Replacement Drawings (15 sheets);

(3) Acknowledgement postcard

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